



SHEET 1 OF 1

FORM PTO - 1449

**SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT**

ATTORNEY DOCKET NO.: BLS-007

APPLICANT(S): Christoffel et al.

SERIAL NO.: 10/055,028

FILING DATE: 1/23/02 GROUP: 2681

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A45	5,940,591	08/17/99	Boyle et al.	395	187.01	
<i>CJF</i>	A46	6,014,558	01/11/00	Thomas	455	410	
<i>CJF</i>	A47	6,081,900	06/27/00	Subramaniam et al.	713	201	
<i>CJF</i>	A48	6,134,591	10/17/00	Nickles	709	229	
<i>CJF</i>	A49	6,427,174 B1	07/30/02	Sitaraman et al.	709	245	11/12/98
	A50	6,493,749 B2	12/10/02	Paxhia et al.	709	220	08/17/98
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FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
<i>CJF</i>	C30	International Search Report for International Application No: PCT/US02/30558, dated 28 March, 2003.
<i>CJF</i>		
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**FOURTH SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT**

ATTORNEY DOCKET NO.: BLS-007

APPLICANT(S): Christoffel et al.

SERIAL NO.: 10/055,028

FILING DATE: January 23, 2002

GROUP: 2681

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CRG	A51	6,633,761 B1	10/14/03	Singhal et al.	455	436	8/11/00

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FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)

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FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: BLS-007 APPLICANT(S): Christoffel et al. SERIAL NO.: 10/055,028 FILING DATE: 1/23/02 GROUP: 2681
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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
C&G	A44	5,448,570	09/05/95	Toda et al.	370	95.3	
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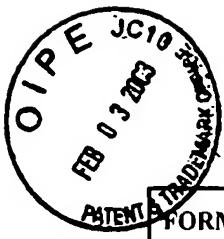
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
C&G	B9	EP 0 903 873 A1	24/03/99	EP	H04B	7/26			

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
C&G	C28	Bluetooth Specification Version 1.0 B, <i>10 Channel Control</i> (11/29/99), pp. 95-126.
C&G	C29	International Search Report for International Application No: PCT/US01/49547, dated 28 February, 2003.

EXAMINER	DATE CONSIDERED	
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FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: BLS-007 APPLICANT(S): Christoffel et al. SERIAL NO.: 10/055,028 FILING DATE: 1/23/02
				GROUP: 2681

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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A40	5,423,065	06/06/95	Pinard	455/33.2	455/56.1	
<i>JK</i>	A41	5,901,144	05/04/99	Maki et al.	370/330	370/331	
<i>JK</i>	A42	6,026,297	02/15/00	Haartsen	455/426	455/414	
	A43	6,038,458	03/14/00	Siira	455/560	455/422	

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EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
<i>JK</i>	B6	EP 0 964 599 A	15.12.99	EP	H04Q	7/38			Y
<i>JK</i>	B7	EP 0 982 662 A	01.03.00	EP	G06F	13/38			Y
<i>JK</i>	B8	EP 0 984 639 A	08.03.00	EP	H04Q	7/00			Y

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C23	Bluesocket Press Release "Bluesocket Secures 5M in First-Round Funding from St. Paul Venture Capital and Osborn Capital LLC", (2 pages) [online], [Retrieved on 11/19/02]. Retrieved from the Internet: <URL: http://www.bluesocket.com/news/funding.html >.
<i>JK</i>	C24	Bray et al., "Bluetooth - Connect Without Cables", (New Jersey, Prentice Hall, 3/20/01), XP002221666, page 84, ¶5.7 - page 86, ¶5.8.
<i>JK</i>	C25	Bray et al., "Bluetooth - Connect Without Cables", (New Jersey, Prentice Hall, 3/20/01), XP002221667, page 115-118.
<i>JK</i>	C26	Mouly et al., "GSM - The System for Mobile Communications" (Palaiseau, France, 9/2/93), XP002221665, page 327 - 330.
	C27	International Search Report for International Application No: PCT/US01/51306, dated 03 December, 2002.

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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	5,987,062	11/16/99	Engwer et al.	375/225	375/227	
	A2	6,115,615	09/05/00	Ota et al.	455/553	455/552	
	A3	6,172,986 B1	01/09/01	Watanuki et al.	370/466	370/401	
	A4	6,195,705 B1	02/27/01	Leung	709/245	709/202	
	A5	6,243,581 B1	06/05/01	Jawanda	455/432	455/437	
	A6	2001/0012777 A1	08/09/001	Igarashi et al.	455/435	455/411	
	A7	2001/0014917 A1	08/16/01	Ishiyama et al.	709/227	709/220	
	A8	2001/0016492 A1	08/23/01	Igarashi et al.	455/433	709/217	
	A9	2001/0017856 A1	08/30/01	Asokan et al.	370/389	370/329	
	A10	2001/0020241 A1	09/06/01	Kawamoto et al.	707/202	709/229	
	A11	2001/0023446 A1	09/20/01	Balogh	709/229	709/227	
	A12	2001/0024443 A1	09/24/01	Alriksson et al.	370/401	370/329	
	A13	2001/0031634 A1	10/18/01	Mizutani et al.	455/425	455/550	
	A14	2001/0036224 A1	11/01/01	Dernello et al.	375/220		
	A15	2001/0044305 A1	11/22/01	Reddy et al.	455/436	455/437	
	A16	2001/0048686 A1	12/06/01	Takeda et al.	370/401	370/338	OCT 11 2002
	A17	2002/0010758 A1	01/24/02	Chan	709/218	705/14	Technology Center 2600
	A18	2002/0013831 A1	01/31/02	Astala et al.	709/220	709/203	
	A19	2002/0032855 A1	03/14/02	Neves et al.	713/154	380/258	
	A20	2002/0032858 A1	03/14/02	Nakano et al.	713/159	713/200	
	A21	2002/0034298 A1	03/21/02	Gallagher et al.	380/247	713/155	
	A22	2002/0034301 A1	03/21/02	Andersson	380/270		
	A23	2002/0035699 A1	03/21/02	Crosbie	713/201	713/153	

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FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT	ATTORNEY DOCKET NO.: BLS-007 APPLICANT(S): Christoffel et al. SERIAL NO.: 10/055,028 FILING DATE: 1/23/02 GROUP: 2681
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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A24	2002/0037708 A1	03/28/02	McCann et al.	455/411	455/408	
	A25	2002/0046179 A1	04/18/02	Kokudo	705/51		
	A26	2002/0046285 A1	04/18/02	Yasushi et al.	709/228	709/218	
	A27	6,377,548 B1	04/23/02	Chuah	370/233	370/234	
	A28	2002/0052965 A1	05/02/02	Dowling	709/230	709/203	
	A29	2002/0066029 A1	05/30/02	Yi	713/201		
	A30	2002/0066032 A1	05/30/02	Kurumida	713/201	713/202	
	A31	2002/0066036 A1	05/30/02	Makineni et al.	713/201		
	A32	2002/0069278 A1	06/06/02	Forslow	709/225	709/229	
	A33	2002/0073240 A1	06/13/02	Kokkinen et al.	709/249	709/250	
	A34	2002/0075844 A1	06/20/02	Hagen	370/351	370/328	
	A35	2002/0085719 A1	07/04/02	Crosbie			
	A36	2002/0087335 A1	07/04/02	Meyers et al.	705/1		
	A37	2002/0098840 A1	07/25/02	Hanson et al.	455/435	455/432	
	A38	2002/0101848 A1	08/01/02	Lee et al.	370/349	370/352	
	A39	2002/0114303 A1	08/22/02	Crosbie et al.			

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EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
B1		EP 1011 243 A1	21/06/00	EP	29/06	12/56			
C1	B2	WO 00/36522	22/06/00	PCT	15/16	15/173			

OTHER ART, JOURNAL ARTICLES, ETC.

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EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	OCT 07 2002	
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FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: BLS-007

APPLICANT(S): Christoffel et al.

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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
106	B3	WO 02/09458 A2	31/01/02	PCT	7/00		23/07/01		
106	B4	WO 02/41587 A2	23/05/02	PCT	12/28	12/56			Y
106	B5	WO 02/065707 A2	22/08/02	PCT	12/28				Y

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C1	Bluetooth Specification Version 1.1, <i>Part H:1: Host Controller Interface Functional Specification</i> : 536-780 (2001).
	C2	Bluetooth Specification Version 1.1, <i>Part H:2: HCI USB Transport Layer</i> : 782-796 (2001).
	C3	Bluetooth Specification Version 1.1, <i>Part H:3: HCI RS232 Transport Layer</i> : 798-818 (2001).
	C4	Bluetooth Specification Version 1.1, <i>Part H:4: HCI UART Transport Layer</i> : 820-826 (2001).
106	C5	"PSDN Solution for CDMA2000 Networks," (2 pgs.) [online], [Retrieved on 1/25/02]. Retrieved from the Internet: <URL: http://www.cisco.com/warp/public/779/servpro/solutions/wireless_mobile/pdsn.html >.
106	C6	Cisco White Paper, "Cisco Code-Division Multiple Access Performance Management", (15 pgs.) [online], [Retrieved on 1/25/02]. Retrieved from the Internet: <URL: http://www.cisco.com/warp/public/779/servpro/solutions/wireless_mobile/pdsn.html >.
106	C7	Haartsen, J., "Bluetooth-The universal radio interface for <i>ad hoc</i> , wireless connectivity", <i>Ericsson Review No. 3</i> , pgs. 110-117, 1998, XP000783249 ISSN: 0014-0171
106	C8	Lough et al., "A Short Tutorial on Wireless LANs and IEEE 802.11", (5 pgs.) [online], [Retrieved on 10/16/01]. Retrieved from the Internet: <URL: http://www.computer.org/students/looking/summer97/ieee802.htm >.
	C9	"Medium Access Control (MAC) and Physical (PHY) Specifications," <i>MAC Sublayer Management Entity</i> : 123-128, ANSI/IEEE Std 802.11 (1999)

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FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: BLS-007 APPLICANT(S): Christoffel et al. SERIAL NO.: 10/055,028 FILING DATE: 1/23/02 GROUP: 2681			
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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C10	Mitzel, D., "Overview of 2000 IAB Wireless Internetworking Workshop", (40 pgs.) [online], December, 2000 [Retrieved on 01/25/02]. Retrieved from the Internet: <URL: http://www.ietf.org/rfc/rfc3002.txt?number=3002 >.
	C11	Perkins, C., "IP Mobility Support", (67 pgs.) [online], October, 1996 [Retrieved on 09/16/02]. Retrieved from the Internet: <URL: http://www.ietf.org/rfc/rfc2002.txt?number=2002 >.
	C12	"A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points", (26 pgs.) [online], [Retrieved on 09/10/01]. Retrieved from the Internet: <URL: http://www.interlinknetworks.com/graphics/news/wireless_detection_and_tracking.pdf >.
	C13	"RoamAD" (6 pgs.) [online], [Retrieved on 9/16/02]. Retrieved from the Internet: <URL: http://www.roamad.com/roam >.
	C14	Solomon, J., "Applicability Statement for IP Mobility Support", (5 pgs.) [online], October, 1996 [Retrieved on 01/25/02]. Retrieved from the Internet: <URL: http://www.ietf.org/rfc/rfc2005.txt?number=2005 >.
	C15	Vernier Networks Whitepaper, "Controlling the Network Edge: Vernier Networks and the Enterprise", (7 pgs.) [online], June, 2002 [Retrieved on 9/10/02]. Retrieved from the Internet: <URL: www.verniernetworks.com >.
	C16	Vernier Networks Whitepaper, "High Availability for Wireless Edge Connectivity", (6 pgs.) [online], June, 2002 [Retrieved on 9/10/02]. Retrieved from the Internet: <URL: www.verniernetworks.com >.
	C17	Vernier Networks Whitepaper, "The Vernier Networks System", (7 pgs.) [online], [Retrieved on 9/10/02]. Retrieved from the Internet: <URL: www.verniernetworks.com >.

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SHEET 5 OF 5

FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: BLS-007

APPLICANT(S): Christoffel et al.

SERIAL NO.: 10/055,028

FILING DATE: 1/23/02

GROUP: 2681

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C18	Vernier Networks Whitepaper, "The Three Phases of WLAN Deployments", (2 pgs.) [online], June, 2002 [Retrieve on 9/10/02]. Retrieved from the Internet: <URL:www.verniernetworks.com>.
<i>CJ</i>	C19	Vernier Networks Whitepaper, "Vernier Networks: Ensuring the Promise of 802.11b Networks", (5 pgs.) [online], June, 2002 [Retrieve on 9/10/02]. Retrieved from the Internet: <URL:www.verniernetworks.com>.
<i>CJ</i>	C20	Vernier Networks Whitepaper, "Wireless Security: Protecting Your 802.11 Network", (3 pgs.) [online], June, 2002 [Retrieve on 9/10/02]. Retrieved from the Internet: <URL:www.verniernetworks.com>.
<i>CJ</i>	C21	International Search Report for International Application No: PCT/US01/23145, dated 16 August, 2002
	C22	International Search Report for International Application No: PCT/US02/08986, dated 19 August, 2002

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PTG-1449 REPRODUCED O I P INFORMATION DISCLOSURE CITATION IN AN APPLICATION JUL 02 2002 June 28, 2002 (Use several sheets if necessary)		ATTORNEY DOCKET NO. 3180.1001-004	APPLICATION NO. 10/055,028
		APPLICANT Thomas W. Christoffel, et al.	
		FILING DATE January 23, 2002	GROUP 2681

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
AA	5,809,415	09/15/1998	Rossmann	455	422	
AB	6,018,657	01/25/2000	Kennedy, III, et al.	455	426	
AC	6,137,791	10/24/2000	Frid, et al.	370	352	03/25/97
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AL	WO 01/50781 A2	12 Jul 2001	PCT			
AM						
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AQ						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Menon, et al., U.S. Patent Application Publication, US 2001/0001268 A1, May 17, 2001, U.S. Cl. 370/329.
AS	Townsley, W., et al., Network Working Group, RFC 2661, "Layer Two Tunneling Protocol 'L2TP,'" 1999 [Retrieved from the Internet on 08/29/01] 75 pp. (2001).
AT	"Section 10.9 Scatternet," Bluetooth Specification Version 1.1:120-123 (February 22, 2001).

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	11/8/01

